



#5

SEQUENCE LISTING

<110> Brenner, Sydney

<120> Polymorphic DNA Fragments and Uses
Thereof

<130> 55525-8055.US00

<140> US 09/934,020

<141> 2001-08-21

<150> US 60/227,058

<151> 2000-08-21

<160> 29

<170> FastSEQ for Windows Version 4.0

<210> 1

<211> 73

<212> DNA

<213> Artificial Sequence

<220>

<223> exemplary tag library

<221> misc feature

<222> (1)...(73)

<223> n = A,T,C or G

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ataagtcttc nnn

60
73

<210> 2

<211> 28

<212> DNA

<213> Artificial Sequence

<220>

<223> adaptor

<400> 2

ggtacagaca tggaggtgca gactaaaa

28

<210> 3

<211> 28

<212> DNA

<213> Artificial Sequence

<220>

<223> adaptor

<400> 3

tagtactcgt aatcagtgct tcaatgta

28

<210> 4

<211> 20

<212> DNA
 <213> Artificial Sequence

 <220>
 <223> adaptor

 <400> 4
 gtctccacgt cttattctgt 20

 <210> 5
 <211> 28
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> primer

 <400> 5
 ggtacagaca tggagggtgca gactaaaa 28

 <210> 6
 <211> 28
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> primer

 <400> 6
 tagtactcgt aatcagtgct tcaatgta 28

 <210> 7
 <211> 24
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> primer

 <400> 7
 acactcttcg tctccacgct ttat 24

 <210> 8
 <211> 28
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> adaptor

 <221> misc_feature
 <222> (1)...(4)
 <223> phosphorothioate nucleotide

 <400> 8
 tagtactcgt aatcagtgct tcaatgta 28

 <210> 9
 <211> 24
 <212> DNA

<213> Artificial Sequence

<220>

<223> adaptor

<400> 9

tttagaagca gactgtaaga ccgt

24

<210> 10

<211> 28

<212> DNA

<213> Artificial Sequence

<220>

<223> primer

<221> misc_feature

<222> (1)...(4)

<223> phosphorothioate nucleotide

<400> 10

tagtactcgt aatcagtgct tcaatgta

28

<210> 11

<211> 24

<212> DNA

<213> Artificial Sequence

<220>

<223> primer

<221> misc_feature

<222> (1)...(4)

<223> phosphorothioate nucleotide

<400> 11

acactcttcg tctccacgtc ttat

24

<210> 12

<211> 26

<212> DNA

<213> Artificial Sequence

<220>

<223> primer

<400> 12

tttagaagca gactgtaaga ccgtga

26

<210> 13

<211> 31

<212> DNA

<213> Artificial Sequence

<220>

<223> adaptor

<400> 13

aattctagac tgcagttgat atcttaagct t

31

<210> 14
 <211> 47
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> adaptor

 <400> 14
 aattctgcag aggagatgaa gacgaaaaga aaggggccca tgctgca 47

 <210> 15
 <211> 81
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> adaptor

 <400> 15
 gaggagatga agacgadddd dddddddddd dddddddddd dddddddddd dddddddddd 60
 dddddddddd dddddddddd g 81

 <210> 16
 <211> 74
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> synthesized oligonucleotide

 <400> 16
 cgagaaagag ggataaggct cgagcttaat taagagtcga cgaattcggg cccggatcct 60
 gactctttct ccct 74

 <210> 17
 <211> 82
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> synthesized oligonucleotide

 <400> 17
 ctagaggag aaagagtcag gatccgggcc cgaattcgtc gactcttaat taagctcgag 60
 ccttatccct ctttctcggc ac 82

 <210> 18
 <211> 47
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> synthesized oligonucleotide

 <400> 18
 tcgaggcata agtcttcgaa ttccatcaca ctgggaagac aacgtag 47

 <210> 19
 <211> 47

<212> DNA
 <213> Artificial Sequence

 <220>
 <223> synthesized oligonucleotide

 <400> 19
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 <210> 20
 <211> 73
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> synthesized oligonucleotide

 <400> 20
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 cgatggtcac agc 73

 <210> 21
 <211> 45
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> synthesized oligonucleotide

 <400> 21
 tgtttctctgc cacacaacat acgagccgga agcggccgct ctaga 45

 <210> 22
 <211> 61
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> synthesized oligonucleotide

 <400> 22
 agcgtctaga gcggccgctt ccggctcgta tgttgtgtgg caggaaacag ctatgaccat 60
 c 61

 <210> 23
 <211> 57
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> synthesized oligonucleotide

 <400> 23
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 <210> 24
 <211> 22
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> synthesized oligonucleotide

<400> 24
 tcgagggccc gcataagtct tc 22

<210> 25
 <211> 22
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> synthesized oligonucleotide

<400> 25
 tcgagaagac ttatgcgggc cc 22

<210> 26
 <211> 217
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> fragment assembled from synthetic oligonucleotides

<400> 26
 aattctgtaa aacgacggcc agtcgccagg gttttcccag tcacgacgtg aataaatagt 60
 taattaagga ataggcctct cctcgagctc ggtaccgggc ccgcataagt cttcatctat 120
 cgatgattga agagcgatat cgctcttcaa tcggatccat cctcaactaa ttaccacaca 180
 acatacgagc cggaagcggg tcatagctgt ttcctga 217

<210> 27
 <211> 16
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> 3' end of exemplary tag sequence

<221> misc_feature
 <222> (1)...(16)
 <223> n = A,T,C or G

<400> 27
 nnnggatccg agtgat 16

<210> 28
 <211> 20
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> primer

<400> 28
 agaattcggg ccttaattaa 20

<210> 29
 <211> 18
 <212> DNA

<213> Artificial Sequence

<220>

<223> primer

<221> misc_feature

<222> (1)...(18)

<223> n = A,T,C or G

<400> 29

nnnnncctag gctcacta

18